

Converting Colors

YUV(57.9660, 4.9468, 0.0298)

Have a look what the booklet for
YUV(57.9660, 4.9468, 0.0298)
contains.

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Color

**YUV(57.9660, 4.9468,
0.0298)**

Conversions

Conversions Part 1

Format	Color
Hex	3A3844
RGB	58, 56, 68
RGB Percent	23%, 22%, 27%
CMY	0.7725, 0.7804, 0.7333
CMYK	0.15, 0.18, 0.00, 0.73
HSL	250°, 10%, 24%
HSV	250°, 18%, 27%
XYZ	4.2025, 4.1452, 6.0475
YIQ	57.9660, -2.6600, 4.1560

Conversions

Conversions Part 2

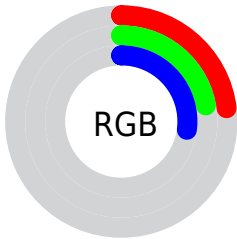
Format	Color
R_{YB}	58, 56, 68
Decimal	3815492
CIE Lab	24.15, 3.76, -7.09
CIE LCh	24, 8.026, 297.946
Yxy	4.1452, 0.2919, 0.2880
Android (android.graphics.Color)	4282005572 (0xFF3A3844)
YUV	57.9660, 4.9468, 0.0298
Hunter-Lab	20.3599, 1.2144, -3.3589

Details

The YUV color **57.9660, 4.9468, 0.0298** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **66.0340, -4.9468, -0.0298**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.0800, 5.3836, -0.0702**, and **15.2650, 4.7994, 0.6446** is the 20% darker color. If you saturate the color by 10%, you get **52.0630, 7.8569, -0.0553**, and if you desaturate by 10%, it is **63.8690, 2.0366, 0.1149**.

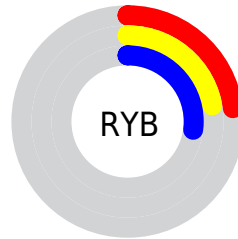
Distribution



Red (23%)

Green (22%)

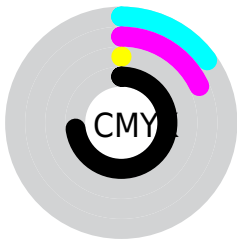
Blue (27%)



Red (23%)

Yellow (22%)

Blue (27%)

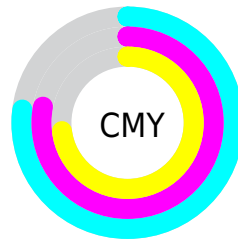


Cyan (15%)

Magenta (18%)

Yellow (0%)

Black (73%)



Cyan (77%)

Magenta (78%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.9660, 4.9468, 0.0298 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 57.9660, 4.9468, 0.0298 by changing the saturation by 10% instead.

■ 57.9660, 4.9468,
0.0298

■ 57.9660, 4.9468,
0.0298

■ 255.0000, 0.0000,
0.0000

■ 36.5530, 4.6574,
-0.4850

■ 105.0800, 5.3836,
-0.0702

■ 15.2650, 4.7994,
0.6446

■ 130.1940, 5.8204,
-0.1701

■ 0.0000, 0.0000,
0.0000

■ 156.1940, 5.8204,
-0.1701

■ 183.1940, 5.8204,
-0.1701

■ 210.6070, 6.1097,
0.3447

■ 238.7210, 6.5465,

0.2447

■ 57.9660, 4.9468,
0.0298

■ 57.9660, 4.9468,
0.0298

■ 52.0630, 7.8569,
-0.0553

■ 63.8690, 2.0366,
0.1149

■ 46.4590, 10.6197,
0.4745

■ 69.4730, -0.7262,
-0.4148

■ 41.1430, 13.2405,
-0.1254

■ 74.7890, -3.3470,
0.1850

■ 35.2400, 16.1507,
-0.2105

■ 80.6920, -6.2572,
0.2701

■ 29.6360, 18.9135,
0.3192

■ 86.2960, -9.0199,
-0.2596

■ 23.7330, 21.8236,
0.2342

■ 92.1990, -11.9301,
-0.1745

■ 17.8300, 24.7338,
0.1491

■ 98.1020, -14.8403,
-0.0895

■ 12.8130, 27.2072,
0.1640

■ 103.1190,
-17.3137, -0.1044

■ 11.0410, 28.0808,
-0.0360

■ 109.0220,
-20.2238, -0.0193

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.8620, 5.9840, -6.0180



57.9660, 4.9468, 0.0298



58.4290, 2.7465, 5.7628

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.9660, 4.9468, 0.0298



57.9750, -5.4107, 8.7919



55.4610, 0.7587, -10.0513

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



57.9660, 4.9468, 0.0298



66.0340, -4.9468, -0.0298

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.6850, -2.3097, -5.8627



57.9660, 4.9468, 0.0298



57.4260, -6.1260, 4.8884

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.9660, 4.9468, 0.0298



58.5560, -3.2321, 10.0364



56.7350, -4.7994, -0.6446



55.2480, 3.8217, -12.4955

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.9660, 4.9468, 0.0298



58.2830, 0.8465, 8.5218



56.7350, -4.7994, -0.6446



55.5320, -0.2623, -9.2366

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



57.9660, 4.9468, 0.0298



85.7550, 1.5998, 0.2149



63.2380, 2.3477, -6.3477



43.6410, 1.1630, 0.3148



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.9660, 4.9468, 0.0298



73.9490, 7.4201, 0.0447



59.7600, 4.0623, 3.7185



30.3420, 1.3104, -0.2999



15.8420, 40.0109, 0.1386



36.5990, 92.3887, 0.3517

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



60.7280, 2.5991, 6.3775



78.0920, 3.8986, 9.5663



64.2400, -4.0623, -3.7185



31.2390, 0.8682, 1.5444



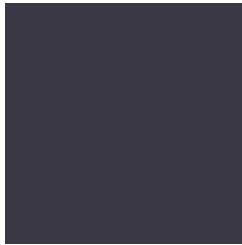
38.2370, 21.0822, 51.5352



88.2940, 48.6621, 119.0142

Previews

White Background



This preview shows how the YUV color 57.9660, 4.9468, 0.0298 looks on a white background.

Color Contrast Check

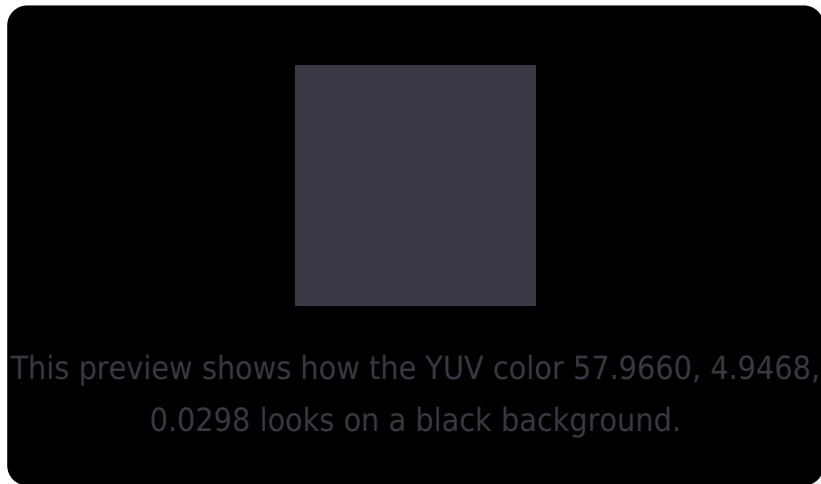
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

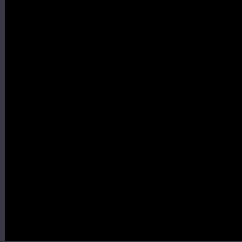
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 57.9660, 4.9468, 0.0298

Background



This preview shows how black text looks on a background with the YUV color 57.9660, 4.9468, 0.0298.



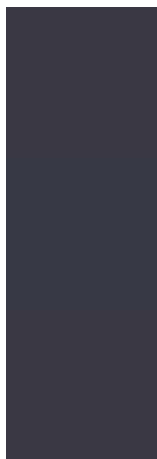
This preview shows how white text looks on a background with the YUV color 57.9660, 4.9468,

0.0298.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

57.9660, 4.9468, 0.0298

Protanopia

57.7700, 5.5364, -2.4293

Deuteranopia

57.9660, 4.9468, 0.0298



Tritanopia

57.5700, 2.1840, -0.4999

Trichromacy



Original Color

57.9660, 4.9468, 0.0298

Protanomaly

58.0690, 5.3890, -1.8145

Deuteranomaly

57.9660, 4.9468, 0.0298

Tritanomaly

57.7980, 3.0576, -0.6998

Monochromacy



Original Color

57.9660, 4.9468, 0.0298

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.8690, 2.0366, 0.1149

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.9660, 4.9468, 0.0298 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(58, 56, 68)` looks like.

```
.text, #text, p{  
    color:rgb(58, 56, 68)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(58, 56, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 56, 68) }
```

Border

The CSS property to change the border of an element to YUV 57.9660, 4.9468, 0.0298 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(58, 56, 68) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(58, 56, 68) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(58, 56, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 56, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 56, 68);  
box-shadow:4px 4px 4px 4px rgb(58, 56, 68)  
}
```

Background

The CSS property to change the background color of an element to YUV 57.9660, 4.9468, 0.0298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 56, 68) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(58, 56,  
68) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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